CONSERVATION PRACTICE PHYSICAL EFFECT WORKSHEET

STATE New Hampshire FIELD OFFICE	All DATE July 2002	
PRACTICE: 430EE Irrigation Water	NOTES:	
Conveyance - low pressure plastic		
RESOURCE: SOIL	•	
RESOURCE CONCERN: EROSION		
RESOURCE INDICATORS	PHYSICAL EFFECTS	
SHEET AND RILL	insignificant	
WIND	N/A	
EPHEMERAL GULLY	insignificant	
CLASSIC GULLY	N/A	
STREAMBANK	N/A	
IRRIGATION INDUCED	significant reduction in irrigation induced erosio	
SOIL MASS MOVEMENT	N/A	
ROADBANK/CONSTRUCTION	N/A	
OTHER		
RESOURCE CONCERN: SOIL CONDITION		
SOIL TILTH	N/A	
SOIL COMPACTION	N/A	
SOIL CONTAMINATION		
• SALTS	N/A	
• ORGANICS	N/A	
FERTILIZERS	N/A	
PESTICIDES	N/A	
OTHER DEPOSITION/DAMAGE		
DEPOSITION/DAMAGE	moderate reduction/ensite demosition demoses	
ONSITE OFFSITE	moderate reduction/onsite deposition damage moderate decrease/offsite deposition damage	
DEPOSITION/SAFETY	moderate decrease/orisite deposition damage	
ONSITE	moderately improve onsite safety/deposition	
OFFSITE	moderately improve offsite safety hazard/depos.	
OTHER		
RESOURCE: WATER		
RESOURCE CONCERN: WATER QUANTITY		
SEEPS	N/A	
RUNOFF/FLOODING	N/A	
EXCESS SUBSURFACE WATER	N/A	
INADEQUATE OUTLETS	N/A	
WATER MGT. IRRIGATION		
SURFACE	significant improvement in irrigation efficiency	
SPRINKLER	significant improvement in irrigation efficiency	
WATER MGT. NON-IRRIGATED	N/A	
RESTRICTED FLOW CAPACITY (H20 convey.)		
• ONSITE	moderate improvement in onsite drainage	
OFFSITE PROTECTION OF STORY OF ST	moderate improvement in offsite drainage	
RESTRICTED STORAGE	moderate reduction in sedimentation of H20 stroage	
OTHER		

RESOURCE: WATER		
RESOURCE CONCERN: WATER	ROUALITY	
RESOURCE	PHYSICAL EFFECTS	
GROUNDWATER CONTAMINANTS		
• PESTICIDES	N/A	
NUTRIENTS AND ORGANICS	N/A	
• SALINITY	N/A	
HEAVY METALS	N/A	
• PATHOGENS	N/A	
• OTHER		
SURFACE WATER CONTAMINANTS		
• PESTICIDES	N/A	
NUTRIENTS AND ORGANICS	N/A	
SUSPENDED SEDIMENTS	N/A	
LOW DISSOLVED OXYGEN	N/A	
• SALINITY	N/A	
HEAVY METALS	N/A	
WATER TEMPERATURE	N/A	
• PATHOGENS	N/A	
AQUATIC HABITAT SUITABILITY	N/A	
OTHER		
RESOURCE: AIR		
RESOURCE CONCERN: AIR QUALIT	Y	
AIRBORNE SEDIMENT AND SMOKE		
PARTICLES		
ONSITE SAFETY	N/A	
OFFSITE SAFETY	N/A	
ONSITE STRUCT. PROBLEMS	N/A	
OFFSITE STRUCT. PROBLEMS	N/A	
ONSITE HEALTH	N/A	
OFFSITE HEALTH	N/A	
AIRBORNE SEDIMENT CAUSING	N/A	
CONVEYANCE PROBLEMS		
AIRBORNE CHEMICAL DRIFT	N/A	
AIRBORNE ODORS	N/A	
FUNGI, MOLDS, AND POLLEN	N/A	
OTHER		
RESOURCE CONCERN: AIR CONDITION		
AIR TEMPERATURE	N/A	
AIR MOVEMENT (windbreak effect)	N/A	
HUMIDITY	N/A	
OTHER		

RESOURCE: PLANT	
RESOURCE CONCERN: SUITABILIT	Y
RESOURCE	PHYSICAL EFFECTS
SITE ADAPTATION	N/A
PLANT USE	N/A
OTHER	
RESOURCE CONCERN: CONDITION	
PRODUCTIVITY	N/A
HEALTH, VIGOR, SURVIVAL	N/A
OTHER	
RESOURCE CONCERN: MANAGEMI	ENT
ESTAB., GROWTH, HARVEST	N/A
NUTRIENT MANAGEMENT	N/A
PESTS	N/A
THREAT/ENDANGERED PLANTS	N/A
OTHER	
RESOURCE: ANIMAL	
RESOURCE CONCERN: HABITAT	
FOOD	N/A
COVER/SHELTER	N/A
WATER (QUANTITY & QUALITY)	N/A
OTHER	
RESOURCE CONCERN: MANAGEMI	ENT
POPULATION BALANCE	N/A
THREAT/ENDANGERED ANIMALS	N/A
HEALTH	N/A
OTHER	
RESOURCE: HUMAN	
RESOURCE CONCERNS: ECONOMIC	C CONSIDERATIONS
PLAN / COST EFFECTIVENESS	slightly cost effective
CLIENT FINANCIAL CONDITION	N/A
MARKETS FOR PRODUCTS	N/A
AVAILABLE LABOR	N/A
AVAILABLE EQUIPMENT	N/A

RESOURCE: HUMAN		
RESOURCE CONCERN: SOCIAL CONSIDERATIONS		
RESOURCE INDICATORS	PHYSICAL EFFECTS	
PUBLIC HEALTH AND SAFETY	N/A	
PRIVATE/PUBLIC VALUES	N/A	
CLIENT CHARACTERISTICS	N/A	
RISK TOLERANCE	N/A	
TENURE	N/A	
OTHER		
RESOURCE CONCERN: CULTURAL CO	ONSIDERATIONS	
ABSENCE/PRESENCE OF CULTURAL RESOURCES	N/A	
SIGNIFICANCE OF CULTURAL RESOURCES	N/A	
MITIGATION OF NEGATIVE CULTURAL RES. IMPACTS	N/A	
OTHER		